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Textile Organon

Vol 55, No. 7 □ August 1984

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MONTHLY REVIEW

Highlights

June U.S. Imports of Man-Made Fiber Fall to 18.2 Million Pounds . . . see page 153.

Second Quarter Production of Polyester Yarn+ Monofilaments Fall to 297.5 Million Pounds . . . see page 150.

Second Quarter Production of Polyester Staple+Tow Rises to 573.5 Million Pounds . . . see page 151.

Textile Organon Feature:

Import Update . . . begins on page 144.

Nylon yarn shipments to the carpet trades fell to the lowest level since March 1983, but shipments of nylon staple+tow rose in July.

Shipments of polyester textile yarn fell to the lowest level since July 1982 and shipments of polyester staple+tow fell to the lowest level since July 1983.

Acrylic+modacrylic staple+tow shipments fell in July to the lowest level since February.

Shipments of olefin yarn+monofilaments fell to the lowest level since February and shipments of olefin+ vinyon staple+tow fell in July.

TABLE 1: TOTAL MAN-MADE FIBER SHIPMENTS

MILLION POUNDS & *PERCENT*

ITEM	1984 JULY	1984 JUNE	% [a]	1983 JULY	% [b]	YEAR TO DATE 1984	YEAR TO DATE 1983	% [c]
YARN+MONOFILAMENTS								
ACETATE	**16.3**	**18.0**	*-9.4*	**18.5**	*-11.9*	**126.9**	**129.5**	*-2.0*
NYLON [d] - INDUSTRIAL	27.7	32.7	*-15.3*	23.4	*+18.4*	217.0	168.7	*+28.6*
- LOW DENIER INDUSTRIAL	2.7	2.8	*-3.6*	2.4	*+12.5*	20.2	18.7	*+8.0*
- CARPET	60.2	61.3	*-1.8*	61.2	*-1.6*	462.3	413.9	*+11.7*
- TEXTILE	25.3	26.9	*-5.9*	28.5	*-11.2*	212.2	220.7	*-3.8*
POLYESTER - INDUSTRIAL	26.0	26.7	*-2.6*	21.5	*+20.9*	184.7	176.0	*+4.9*
- LOW DENIER INDUSTRIAL	2.0	2.2	*-9.1*	1.7	*+17.6*	14.5	14.4	*+0.7*
- TEXTILE	61.4	65.4	*-6.1*	71.9	*-14.6*	494.7	590.7	*-16.2*
OLEFIN	57.9	63.8	*-9.2*	59.5	*-2.7*	415.5	412.4	*+0.7*
TOTAL NONCELLULOSIC ABOVE	**263.2**	**281.8**	*-6.6*	**270.1**	*-2.5*	**2021.1**	**2015.5**	*+0.3*
STAPLE+TOW+FIBERFILL								
RAYON	**29.8**	**34.4**	*-13.4*	**30.6**	*-2.6*	**234.6**	**212.3**	*+10.5*
NYLON [d]	59.4	57.3	*+3.7*	71.2	*-16.6*	489.8	517.7	*-5.4*
ACRYLIC+MODACRYLIC	52.9	60.6	*-12.7*	47.5	*+11.4*	397.5	383.1	*+3.7*
POLYESTER	156.8	171.3	*-8.5*	154.6	*+1.4*	1266.1	1235.1	*+2.5*
OLEFIN+VINYON	19.4	21.5	*-9.8*	13.8	*+40.6*	138.5	100.2	*+38.2*
TOTAL NONCELLULOSIC ABOVE	**288.5**	**310.7**	*-7.1*	**287.1**	*+0.5*	**2291.9**	**2236.1**	*+2.5*

a. Percent change from previous month to current month.
b. Percent change to current month from same month last year.
c. Percent change from cumulative total last year to cumlative total this year.
d. Nylon excludes Aramid.

Also see footnotes on last page of this issue.

Textile Organon

AUGUST, 1984

A MONTHLY REVIEW

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DATAGRAM

Imports Surge ...

Based on first quarter 1984 results, import penetration of the U.S. apparel market rose to 41%, up from 34½% in 1983. However, the import share leveled-off during the second quarter 1984, remaining at 41%.

Between first and second quarter, imports actually fell 5%, but the available supply also fell 5%.
Key points - -

- Cotton fabric shipments from U.S. mills seriously eroded in the second quarter, falling 13% from first quarter 1984.
- Man-made fiber domestic shipments fell only marginally.
- Woolen fabric from U.S. mills fell 22% in the second quarter.

... While shipments fall

Shipments of noncellulosic yarn + monofilaments and staple + tow slid again in July. Since April, these shipments have fallen 17%. Seasonality may in part explain the decline, but key markets lag behind year-ago levels.
Even worse - -

- Nylon yarn shipments have fallen to the lowest level of the year, as carpet yarn shipments continue to fall.
- Polyester yarn shipments continued to slide, as textile yarn shipments fell to the lowest level in two years.
- Polyester staple + tow shipments continued to fall, as the 1.5 - 2.5 denier market fell to one of the lowest levels in several years.

... And inventories rise

Partially as a result of pipeline adjustments, inventories of noncellulosic yarn + monofilaments and staple + tow rose again in July. Since January, these inventories have risen 15%.
When compared to July 1983 levels -

- Yarn + monofilament inventories are up 8½%.
- Staple + tow inventories are up 27%.

DuPont to curtail polyester yarn line

The DuPont Co. has announced it will curtail polyester yarn production at its Camden, SC plant.

Amoco intends to purchase olefin operation

Amoco Fibers & Fabrics Corp. has announced its intention to purchase the St. Jean, Quebec olefin yarn and staple plant from Celanese Canada Inc.

IMPORT UPDATE

Apparel Imports Continue to Rise

Editor's Note – This report (pages 144-149) represents the first effort on the part of the Textile Economics Bureau to monitor the apparel import situation on a quarterly basis. Previously, only annual or semi-annual data had been available. For this report, the first two quarters of 1984 are covered.

The data on pages 148-149 and graph 3 are meant to be used in conjunction with the February 1984 ***Organon Special Report*** "**Impact of Imports**". To insure compatibility with that report, graph 3 is an update of the graph found on page 20 of the February 1984 issue. The annual data on pages 148-149 are updated versions of the data published in the February report.

It should be stressed, however, that the quarterly data provided in this report include some estimations. These estimations represent results obtained through extensive examination of primary market information and discussions with various market sources close to the import situation. The annual and quarterly data are subject to revision as new and more complete information becomes available.

As a new feature of the ***Textile Organon***, an analysis of the impact of imports will now appear quarterly. The Textile Economics Bureau will use only the most reliable industry sources in its analysis in order to present its results in the most objective manner possible.

For the first two quarters of 1984, imports claimed a 41% share of the U.S. apparel market. This is significant in light of the 34½% import share of the apparel market in 1983. Much of the rise in the percentage share can be explained by the declining domestic apparel production coupled with greatly increased imports, garments in particular.

In terms of the poundage and percentage share of apparel market, the 1984 second quarter results indicate a certain leveling off of imports even though the 1984 import share of the apparel market has risen dramatically over previous years. For the first quarter, imports totaled 614 million pounds or a 41% share of the market, while for the second quarter imports totaled 584 million pounds, also a 41% share of the market.

Cotton has taken the brunt of imports, as can be seen with graph 2. For the first half of 1984, clearly 52% of all apparel imports were primarily cotton. This compares to the man-made fiber and wool levels of 44% and 4%, respectively. The available supply of cotton apparel fell from the first quarter 621 million pounds to 550 million pounds in the second quarter, an 11½% decline. The import share of the cotton available supply rose from 52.7% to 53.6%. These percentage shares compare with 44.5% for 1983, and 40.8% for 1982.

On a poundage basis, cotton apparel imports have actually fallen. In the first quarter of 1984, these imports amounted to 327 million pounds and fell to 295 million pounds in the second quarter, or a 9.8% decline. Production of domestic apparel fabrics fell to a greater degree by some 13%, enabling imports to gain an increased share of the cotton apparel market in the second quarter.

The man-made fiber sector of the apparel market remained relatively stable. Available supply declined only slightly from the 822 million pound level of first quarter to 818 million pounds in the second quarter.

The imports into the man-made fiber apparel sector also remained relatively stable, declining slightly from 266 million pounds in the first quarter to 260 million pounds in the second quarter. The import share also declined from 32.4% in the first quarter to 31.8% in the second. However, the import share of 32.4% in the first quarter was much higher than the 26.8% in 1983 and the 24.7% in 1982. This occurred largely because of increased imports in relation to available supply and declining noncellulosic fiber domestic shipments into the apparel area. Following are noncellulosic fiber domestic shipments into the apparel market in 1983 and first and second quarters 1984:

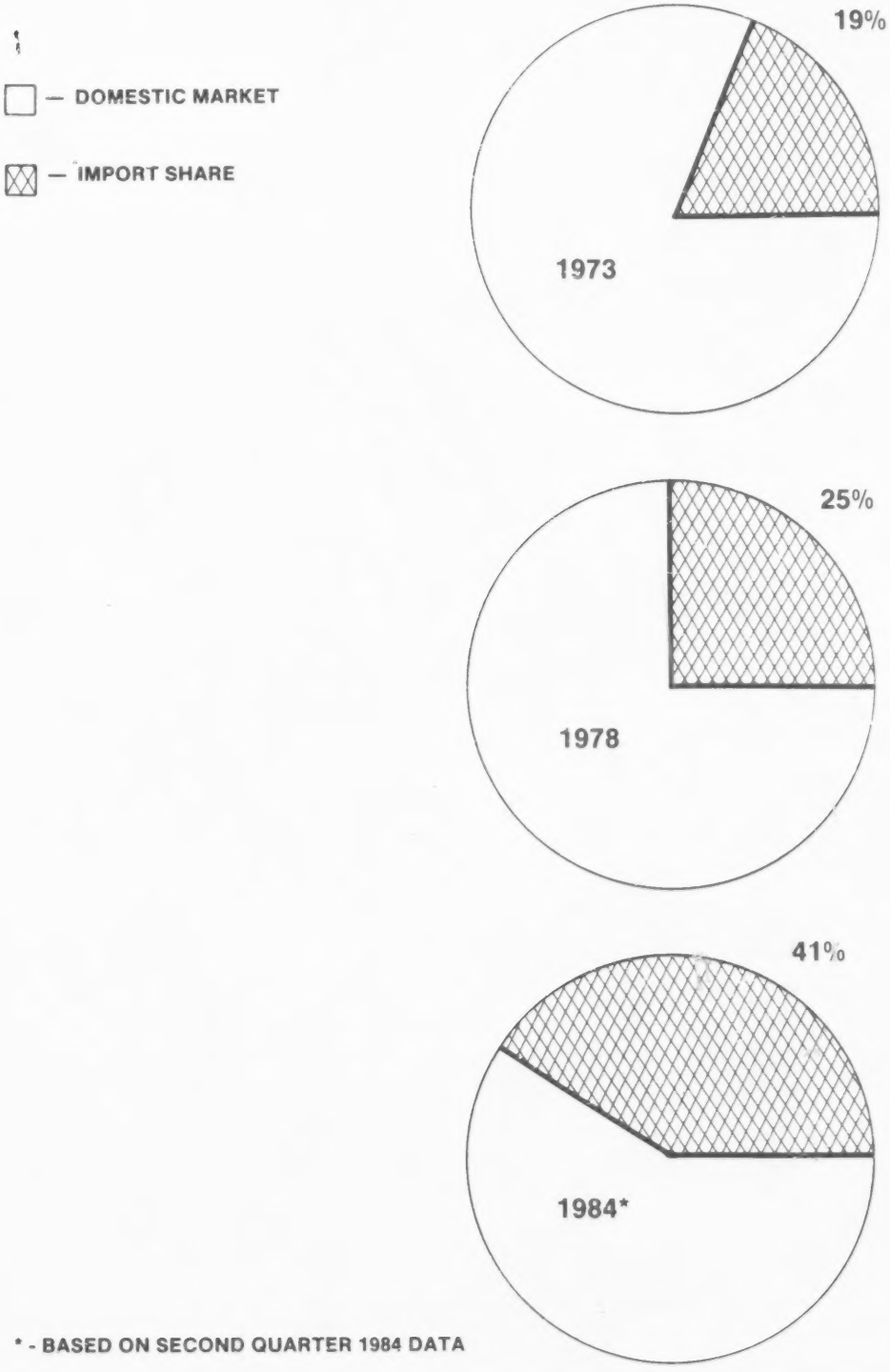
	1983				1984	
	1st Q	2nd Q	3rd Q	4th Q	1st Q	2nd Q
Million Pounds	689.8	643.1	588.5	591.2	546.3	533.1

Imports claimed a larger portion of the apparel wool sector because of declining domestic mill production and rising imports. However, in the first quarter 1984, domestic production of woolen apparel fabric was at a high level of 32 million pounds, but declined 22% to 25 million pounds in the second quarter.

Imports rose from 21 million pounds in the first quarter to 29 million pounds in the second quarter, an increase of 38%.

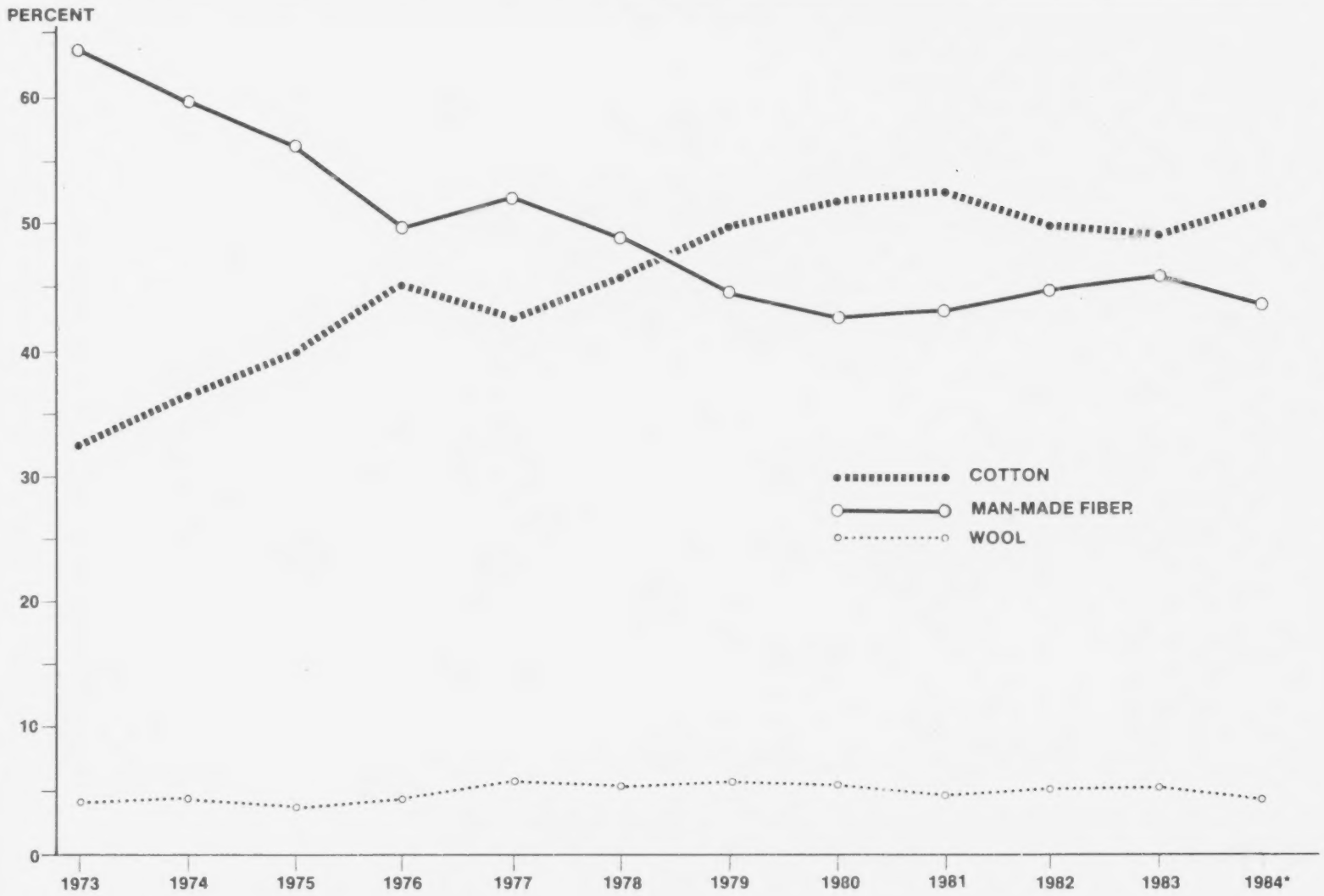
Because of the decline in domestic production by U.S. mills, imports increased market share from 40.4% in the first quarter to 54.7% in the second quarter.

GRAPH 1: IMPORTS AS A % SHARE OF THE U.S. APPAREL MARKET



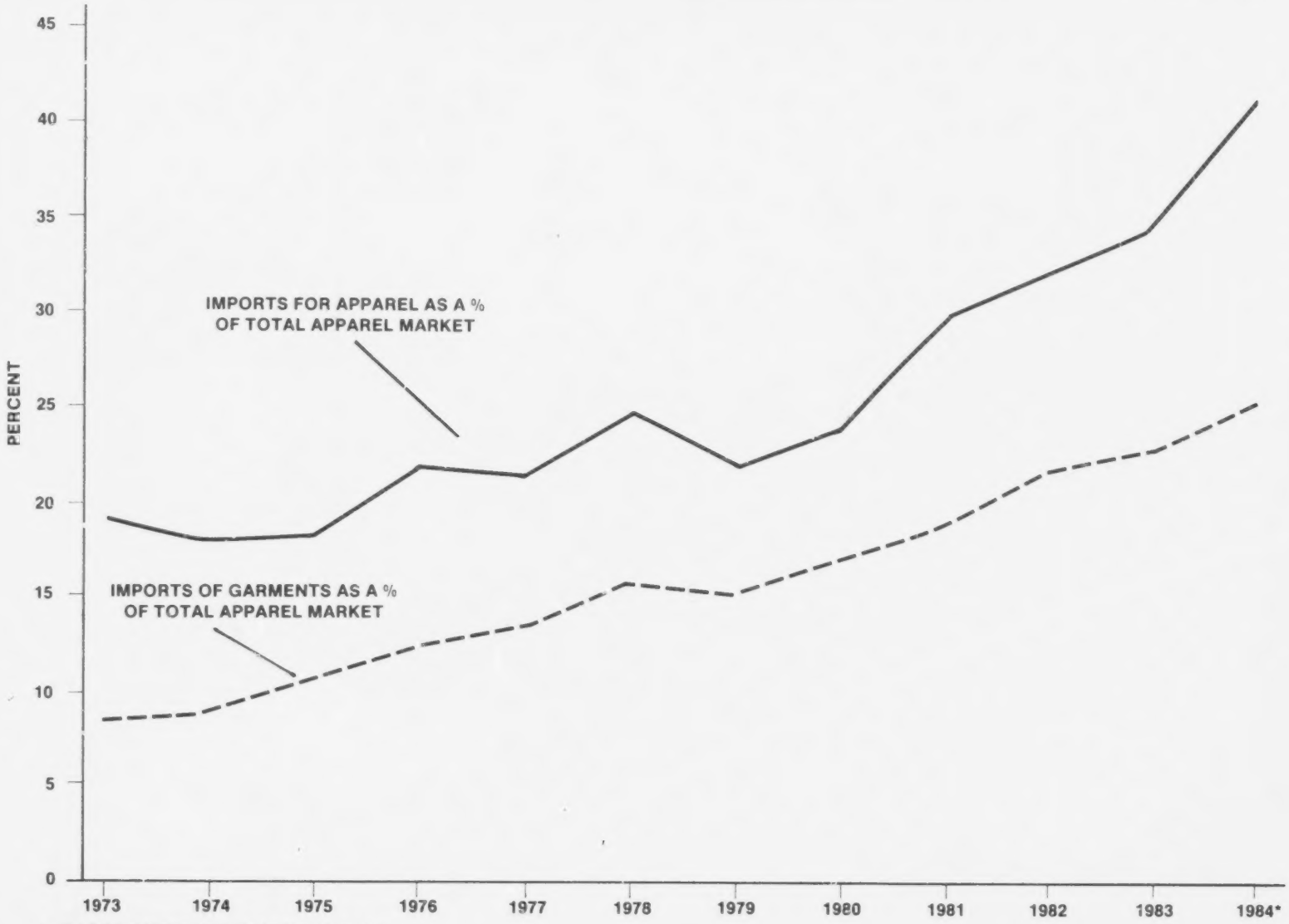
* - BASED ON SECOND QUARTER 1984 DATA

GRAPH 2: MAN-MADE FIBER, COTTON & WOOL IMPORTS FOR APPREL
AS A % SHARE OF TOTAL IMPORTS FOR APPAREL



* - BASED ON FIRST SIX MONTHS DATA

GRAPH 3: IMPORTS OF YARN FABRIC & GARMENTS FOR THE APPAREL MARKET AS A % SHARE OF THE TOTAL U.S. APPAREL MARKET



* - BASED ON FIRST SIX MONTHS DATA

ESTIMATES OF THE APPAREL MARKET IN THE U.S.
AVAILABLE-FOR-DOMESTIC-CONSUMPTION BASIS

MILLION POUNDS (RAW FIBER BASIS)

ITEM	1973			1974			1975			1976			1977		
	TOTAL	TOTAL IMP.	% IMP. TOT.	TOTAL	TOTAL IMP.	% IMP. TOT.	TOTAL	TOTAL IMP.	% IMP. TOT.	TOTAL	TOTAL IMP.	% IMP. TOT.	TOTAL	TOTAL IMP.	% IMP. TOT.
COTTON															
IMPORTS OF YARN FOR APPAREL[a]	26	26		13	13		12	12		26	26		14	14	
+IMPORTS OF FABRIC FOR APPAREL[a,b]	159	159		147	147		136	136		225	225		155	155	
+FABRIC FROM U.S. MILLS	1572			1518			1415			1485			1566		
ORGANON END USE SURVEY-COTTON APPAREL[c]	1757	185		1678	160		1563	148		1736	251		1735	169	
+IMPORTS OF GARMENTS[a]	163	163		168	168		223	223		293	293		348	348	
-EXPORTS OF GARMENTS[a]	30			40			43			54			65		
TOTAL AVAILABLE FOR DOMESTIC CONSUMPTION	**1890**	**348**	*18.4*	**1806**	**328**	*18.2*	**1743**	**371**	*21.3*	**1975**	**544**	*27.5*	**2018**	**517**	*25.6*
MAN-MADE FIBERS															
DOMESTIC SHIPMENTS FOR APPAREL[d]	3177			2840			2952			2929			3200		
+IMPORTS OF FIBER/YARN FOR APPAREL[e]	312	312		221	221		162	162		165	165		190	190	
+IMPORTS OF FABRIC FOR APPAREL[e,f]	90	90		64	64		68	68		76	76		79	79	
-EXPORTS OF SEMIMANUFACTURED PRODUCTS[e]	17	0			222			194			202			201	
ORGANON END USE SURVEY - MMF APPAREL[c]	3409	402		2903	285		2988	230		2968	241		3268	269	
+IMPORTS OF GARMENTS[a]	287	287		252	252		290	290		344	344		366	366	
-EXPORTS OF GARMENTS[a]	25			33			32			34			40		
TOTAL AVAILABLE FOR DOMESTIC CONSUMPTION	**3671**	**689**	*18.8*	**3122**	**537**	*17.2*	**3246**	**520**	*16.0*	**3278**	**585**	*17.9*	**3594**	**635**	*17.7*
WOOL															
IMPORTS OF YARN FOR APPAREL[a]	5	5		6	6		5	5		6	6		7	7	
+IMPORTS OF FABRIC FOR APPAREL[a]	13	13		9	9		8	8		12	12		19	19	
+FABRIC FROM U.S. MILLS	108			76			92			109			106		
ORGANON END USE SURVEY-WOOL APPAREL[c]	126	18		91	15		105	13		127	18		132	26	
+IMPORTS OF GARMENTS[a]	27	27		24	24		23	23		33	33		44	44	
-EXPORTS OF GARMENTS[a]	2			3			2			2			2		
TOTAL AVAILABLE FOR DOMESTIC CONSUMPTION	**151**	**45**	*29.8*	**112**	**39**	*34.8*	**126**	**36**	*28.6*	**158**	**51**	*32.3*	**174**	**70**	*40.2*
TOTAL (3 FIBERS) AVAILABLE FOR CONSUMPTION	**5712**	**1082**	*18.9*	**5040**	**904**	*17.9*	**5115**	**927**	*18.1*	**5411**	**1180**	*21.8*	**5786**	**1222**	*21.1*

NOTE: All 1983 data are *estimated* based on the most current information available at press time, and are subject to revision.

a. See page 39 of the March/April 1984 ***Organon.***

b. Total cotton fabric imports less estimated poundages for nonapparel uses.

c. See page 140 of the September/October 1983 ***Organon*** as revised. First and second quarter data are estimated.

d. Domestic shipments of man-made fibers used in calculating the apparel end uses shown on page 140 of the September/October 1983 ***Organon.***

e. Grand Total man-made fiber imports from page 29 of the February 1984 ***Organon*** less estimated poundages for nonapparel uses.

f. Total man-made fiber fabric imports from page 39 of the March/April 1984 ***Organon*** less estimated poundages for nonapparel uses.

1978			1979			1980			1981			1982			ESTIMATED 1983			ESTIMATED 1984 1ST QUARTER			ESTIMATED 1984 2ND QUARTER		
TOTAL	TOTAL IMP.	% IMP. TOT.	TOTAL	TOTAL IMP.	% IMP. TOT.	TOTAL	TOTAL IMP.	% IMP. TOT.	TOTAL	TOTAL IMP.	% IMP. TOT.	TOTAL	TOTAL IMP.	% IMP. TOT.	TOTAL	TOTAL IMP.	% IMP. TOT.	TOTAL	TOTAL IMP.	% IMP. TOT.	TOTAL	TOTAL IMP.	% IMP. TOT.
31	31		12	12		19	19		24	24		29	29		39	39		19	19		15	15	
195	195		154	154		168	168		280	280		227	227		280	280		111	111		105	105	
1457			1530			1465			1281			1194			1266			313			273		
1683	226		1696	166		1652	187		1585	304		1450	256		1585	319		443	130		393	120	
430	430		426	426		464	464		504	504		511	511		638	638		197	197		175	175	
62			91			181			123			80			72			19			18		
2051	**656**	*32.0*	**2031**	**592**	*29.2*	**1935**	**651**	*33.6*	**1966**	**808**	*41.1*	**1881**	**767**	*40.8*	**2151**	**957**	*44.5*	**621**	**327**	*52.7*	**550**	**295**	*53.6*
3149			3137			3146			2833			2398			2691			619			623		
178	178		100	100		84	84		140	140		113	113		182	182		66	66		56	56	
99	99		73	73		73	73		90	90		90	90		121	121		32	32		36	36	
225			313			352			319			215			187			43			45		
3201	277		2997	173		2951	157		2744	230		2386	203		2807	303		674	98		670	92	
426	426		360	360		379	379		437	437		487	487		588	588		168	168		168	168	
49			61			127			121			75			71			20			20		
3578	**703**	*19.7*	**3296**	**533**	*16.2*	**3203**	**536**	*16.7*	**3060**	**667**	*21.8*	**2798**	**690**	*24.7*	**3324**	**891**	*26.8*	**822**	**266**	*32.4*	**818**	**260**	*31.8*
6	6		4	4		4	4		5	5		8	8		8	8		3	3		4	4	
26	26		22	22		21	21		28	28		26	26		32	32		8	8		12	12	
107			106			100			116			94			96			32			25		
139	32		132	26		125	25		149	33		128	34		136	40		43	11		41	16	
45	45		39	39		42	42		41	41		46	46		62	62		10	10		13	13	
2			3			5			4			3			3			1			1		
182	**77**	*42.3*	**168**	**65**	*38.7*	**162**	**67**	*41.4*	**186**	**74**	*39.8*	**171**	**80**	*46.8*	**195**	**102**	*52.3*	**52**	**21**	*40.4*	**53**	**29**	*54.7*
5811	**1436**	*24.7*	**5495**	**1190**	*21.7*	**5300**	**1254**	*23.7*	**5212**	**1549**	*29.7*	**4850**	**1537**	*31.7*	**5670**	**1950**	*34.4*	**1,95**	**614**	*41.1*	**1421**	**584**	*41.1*

TABLE 3: QUARTERLY MAN-MADE FIBER DATA

MILLION POUNDS

ITEM	1982 1ST Q	1982 2ND Q	1982 3RD Q	1982 4TH Q	1982 YEAR	1983 1ST Q	1983 2ND Q	1983 3RD Q	1983 4TH Q	1983 YEAR	1984 1ST Q	1984 2ND Q	1984 3RD Q	1984 4TH Q	1984 YEAR
	YARN+MONOFILAMENTS[a]														
ACETATE															
PRODUCTION	**52.9**	**53.0**	**46.1**	**43.2**	**195.2**	**50.3**	**62.2**	**61.3**	**53.8**	**227.6**	**55.2**	**56.0**			
SHIPMENTS - DOMESTIC	44.9	47.1	39.5	37.5	169.0	44.1	53.9	51.0	48.6	197.6	48.7	51.9			
- EXPORT	8.8	6.2	8.5	6.3	29.8	7.1	5.9	8.4	6.8	28.2	5.8	4.2			
TOTAL SHIPMENTS	**53.7**	**53.3**	**48.0**	**43.8**	**198.8**	**51.2**	**59.8**	**59.4**	**55.4**	**225.8**	**54.5**	**56.1**			
ENDING STOCK	**13.5**	**13.2**	**11.3**	**10.7**		**9.8**	**12.2**	**14.1**	**12.5**		**13.2**	**13.1**			
NYLON[b]															
PRODUCTION	**299.9**	**309.0**	**312.1**	**320.6**	**1241.6**	**311.5**	**375.6**	**392.3**	**412.8**	**1492.2**	**400.9**	**407.9**			
SHIPMENTS - DOMESTIC	281.6	296.5	292.7	294.8	1165.6	295.0	359.1	358.4	379.9	1392.4	365.1	370.7			
- EXPORT	26.8	23.8	26.0	25.5	102.1	25.4	27.0	27.3	25.5	105.2	29.9	30.1			
TOTAL SHIPMENTS	**308.4**	**320.3**	**318.7**	**320.3**	**1267.7**	**320.4**	**386.1**	**385.7**	**405.4**	**1497.6**	**395.0**	**400.8**			
ENDING STOCK	**143.8**	**132.5**	**125.9**	**126.2**		**117.3**	**106.8**	**113.4**	**120.8**		**126.7**	**133.8**			
OLEFIN[c]															
PRODUCTION	**154.3**	**146.9**	**142.6**	**141.4**	**585.2**	**166.8**	**186.9**	**183.4**	**179.0**	**716.1**	**178.0**	**184.5**			
SHIPMENTS - DOMESTIC	146.8	145.0	144.5	140.7	577.0	160.6	184.2	182.1	171.7	698.6	169.3	180.2			
- EXPORT	4.7	3.3	3.1	4.2	15.3	3.9	4.2	3.5	4.0	15.6	4.3	3.8			
TOTAL SHIPMENTS	**151.5**	**148.3**	**147.6**	**144.9**	**592.3**	**164.5**	**188.4**	**185.6**	**175.7**	**714.2**	**173.6**	**184.0**			
ENDING STOCK	**64.5**	**63.1**	**58.1**	**54.6**		**56.9**	**55.4**	**53.2**	**56.5**		**60.9**	**61.4**			
POLYESTER															
PRODUCTION	**331.5**	**318.1**	**280.5**	**283.5**	**1213.6**	**322.8**	**361.5**	**327.6**	**347.6**	**1359.5**	**318.8**	**297.5**			
SHIPMENTS - DOMESTIC	297.2	292.5	267.0	278.1	1134.8	306.3	342.6	307.2	338.3	1294.4	291.9	286.1			
- EXPORT	34.9	35.8	19.2	12.9	102.8	19.6	17.5	13.9	15.5	66.5	14.1	12.4			
TOTAL SHIPMENTS	**332.1**	**328.3**	**286.2**	**291.0**	**1237.6**	**325.9**	**360.1**	**321.1**	**353.8**	**1360.9**	**306.0**	**298.5**			
ENDING STOCK	**122.4**	**112.2**	**106.5**	**99.0**		**95.9**	**97.3**	**103.8**	**97.6**		**110.4**	**109.4**			
TOTAL NONCELLULOSIC ABOVE															
PRODUCTION	**785.7**	**774.0**	**735.2**	**745.5**	**3040.4**	**801.1**	**924.0**	**903.3**	**939.4**	**3567.8**	**897.7**	**889.9**			
SHIPMENTS - DOMESTIC	725.6	734.0	704.2	713.6	2877.4	761.9	885.9	847.7	889.9	3385.4	826.3	837.0			
- EXPORT	66.4	62.9	48.3	42.6	220.2	48.9	48.7	44.7	45.0	187.3	48.3	46.3			
TOTAL SHIPMENTS	**792.0**	**796.9**	**752.5**	**756.2**	**3097.6**	**810.8**	**934.6**	**892.4**	**934.9**	**3572.7**	**874.6**	**883.3**			
ENDING STOCK	**330.7**	**307.8**	**290.5**	**279.8**		**270.1**	**259.5**	**270.4**	**274.9**		**298.0**	**304.6**			
DOMESTIC SHIPMENTS	725.6	734.0	704.2	713.6	2877.4	761.9	885.9	847.7	889.9	3385.4	826.3	837.0			
IMPORTS - TEXTURED YARN[d]	2.0	3.1	3.7	6.1	14.9	4.7	5.3	5.7	7.3	23.0	12.4	13.3			
- OTHER YARN[d]	2.8	2.6	4.1	3.9	13.4	6.6	7.5	7.7	11.4	33.2	12.9	13.2			
- MONOFILAMENTS	0.4	0.4	0.4	0.3	1.5	0.4	0.4	0.4	0.5	1.7	1.0	0.7			
TOTAL IMPORTS	5.2	6.1	8.2	10.3	29.8	11.7	13.2	13.8	19.2	57.9	26.3	27.2			
TOTAL AVAILABLE	**730.8**	**740.1**	**712.4**	**723.9**	**2907.2**	**773.6**	**899.1**	**861.5**	**909.1**	**3443.3**	**852.6**	**864.2**			
	TEXTILE GLASS FIBER														
PRODUCTION	**207.6**	**209.8**	**241.0**	**240.8**	**899.2**	**245.1**	**273.1**	**313.2**	**335.8**	**1167.2**	**333.8**	**336.6**			
SHIPMENTS - DOMESTIC	190.5	214.8	227.8	228.4	861.5	246.6	294.4	301.9	303.2	1146.1	305.5	340.5			
- EXPORT	11.5	10.3	11.2	9.9	42.9	8.4	8.7	9.7	10.6	37.4	11.8	14.7			
TOTAL SHIPMENTS	**202.0**	**225.1**	**239.0**	**238.3**	**904.4**	**255.0**	**303.1**	**311.6**	**313.8**	**1183.5**	**317.3**	**355.2**			
ENDING STOCK	**151.8**	**136.5**	**138.5**	**141.0**		**131.1**	**101.1**	**102.7**	**124.7**		**141.2**	**122.6**			
IMPORTS	3.8	3.2	3.7	3.4	14.1	4.8	5.3	4.2	5.7	20.0	7.8	5.7			
TOTAL AVAILABLE	**194.3**	**218.0**	**231.5**	**231.8**	**875.6**	**251.4**	**299.7**	**306.1**	**308.9**	**1166.1**	**313.3**	**346.2**			

FOOTNOTES FOR TABLE ABOVE & OPPOSITE

NA means not available at press time.

"Imports" are imports for consumption, as reported by the U.S. Census Bureau.

a. Data for rayon and "Other" noncellulosic yarns (chiefly saran & spandex) are available annually only; see pages 36 & 37 of the March 1983 issue for further details on these yarns.

b. Includes Aramid in 1982.

c. Also include film fiber as well as spunbonded polypropylene.

d. Include singles and plied.

e. Acetate staple+tow data are available annually only; see pages 36 & 37 of the March 1983 issue for further details.

f. These figures are composites of the nylon, acrylic+modacrylic, polyester and olefin staple imports, i.e., Commodity Numbers 309.4338, 4342, 4345 & 4346.

TABLE 4: QUARTERLY MAN-MADE FIBER DATA *(Continued)*

MILLION POUNDS

ITEM	1982					1983					1984				
	1ST Q	2ND Q	3RD Q	4TH Q	YEAR	1ST Q	2ND Q	3RD Q	4TH Q	YEAR	1ST Q	2ND Q	3RD Q	4TH Q	YEAR
	STAPLE+TOW[a]														
RAYON															
PRODUCTION	**96.2**	**86.7**	**87.8**	**84.3**	**355.0**	**92.6**	**92.1**	**92.1**	**98.0**	**374.8**	**104.0**	**103.7**			
SHIPMENTS - DOMESTIC	77.6	69.8	72.1	74.2	293.7	80.1	83.0	84.6	85.8	333.5	90.7	82.5			
- EXPORT	13.4	16.8	15.3	21.0	66.5	6.9	11.7	15.1	10.2	43.9	11.3	20.3			
TOTAL SHIPMENTS	**91.0**	**86.6**	**87.4**	**95.2**	**360.2**	**87.0**	**94.7**	**99.7**	**96.0**	**377.4**	**102.0**	**102.8**			
ENDING STOCK	**36.3**	**36.4**	**36.8**	**25.9**		**31.5**	**28.9**	**21.3**	**23.3**		**25.3**	**26.2**			
DOMESTIC SHIPMENTS	77.6	69.8	72.1	74.2	293.7	80.1	83.0	84.6	85.8	333.5	90.7	82.5			
IMPORTS FOR CONSUMPTION															
STAPLE	3.5	2.4	3.7	2.3	11.9	2.1	3.9	3.3	3.5	12.8	4.4	3.2			
GROUPED FILAMENTS	0.3	0.4	0.4	0.4	1.5	0.2	0.2	0.2	0.3	0.9	0.4	0.3			
TOTAL IMPORTS	3.8	2.8	4.1	2.7	13.4	2.3	4.1	3.5	3.8	13.7	4.8	3.5			
TOTAL AVAILABLE	**81.4**	**72.6**	**76.2**	**76.9**	**307.1**	**82.4**	**87.1**	**88.1**	**89.6**	**347.2**	**95.5**	**86.0**			
NYLON[b]															
PRODUCTION	**140.5**	**169.3**	**191.1**	**184.1**	**685.0**	**196.4**	**234.9**	**252.4**	**242.7**	**926.4**	**220.9**	**216.6**			
SHIPMENTS - DOMESTIC	141.9	170.8	185.8	174.8	673.3	196.0	243.5	236.2	221.4	897.1	211.1	210.6			
- EXPORT	4.1	4.2	3.1	5.2	16.6	3.3	3.7	3.0	4.1	14.1	5.6	3.1			
TOTAL SHIPMENTS	**146.0**	**175.0**	**188.9**	**180.0**	**689.9**	**199.3**	**247.2**	**239.2**	**225.5**	**911.2**	**216.7**	**213.7**			
ENDING STOCK	**59.3**	**53.6**	**55.8**	**59.9**		**57.0**	**44.7**	**57.9**	**75.1**		**79.3**	**82.2**			
IMPORTS	1.0	0.7	5.0	4.8	11.5	5.6	7.6	6.1	8.4	27.7	7.9	7.8			
TOTAL AVAILABLE	**142.9**	**171.5**	**190.8**	**179.6**	**684.8**	**201.6**	**251.1**	**242.3**	**229.8**	**924.8**	**219.0**	**218.4**			
ACRYLIC+MODACRYLIC															
PRODUCTION	**149.6**	**171.1**	**158.5**	**144.9**	**624.1**	**160.4**	**178.4**	**168.8**	**162.9**	**670.5**	**171.7**	**174.9**			
SHIPMENTS - DOMESTIC	108.1	127.9	113.6	108.3	457.9	120.1	129.3	127.9	114.9	492.2	120.6	124.2			
- EXPORT	46.4	41.5	42.7	43.7	174.3	41.3	44.9	35.3	41.0	162.5	48.5	51.3			
TOTAL SHIPMENTS	**154.5**	**169.4**	**156.3**	**152.0**	**632.2**	**161.4**	**174.2**	**163.2**	**155.9**	**654.7**	**169.1**	**175.5**			
ENDING STOCK	**60.2**	**61.9**	**64.1**	**57.0**		**56.0**	**60.2**	**65.8**	**72.8**		**75.4**	**74.8**			
IMPORTS	2.0	1.3	1.7	2.9	7.9	2.3	3.9	4.0	3.4	13.6	3.3	3.8			
TOTAL AVAILABLE	**110.1**	**129.2**	**115.3**	**111.2**	**465.8**	**122.4**	**133.2**	**131.9**	**118.3**	**505.8**	**123.9**	**128.0**			
OLEFIN+VINYON															
PRODUCTION	**35.8**	**30.8**	**37.6**	**34.0**	**138.2**	**37.9**	**42.9**	**49.9**	**58.9**	**189.6**	**57.3**	**61.8**			
SHIPMENTS - DOMESTIC	29.3	39.9	36.4	33.3	138.9	39.7	44.1	45.1	54.5	183.4	53.7	61.0			
- EXPORT	0.6	0.6	1.6	2.1	4.9	0.7	1.9	2.6	1.1	6.3	3.8	0.6			
TOTAL SHIPMENTS	**29.9**	**40.5**	**38.0**	**35.4**	**143.8**	**40.4**	**46.0**	**47.7**	**55.6**	**189.7**	**57.5**	**61.6**			
ENDING STOCK	**31.6**	**21.9**	**21.5**	**20.1**		**17.6**	**14.5**	**16.7**	**20.0**		**19.8**	**20.0**			
POLYESTER															
PRODUCTION	**538.7**	**459.6**	**447.4**	**509.5**	**1955.2**	**492.0**	**559.3**	**561.7**	**571.1**	**2184.1**	**561.6**	**573.5**			
SHIPMENTS - DOMESTIC	437.3	445.3	428.9	456.0	1767.5	487.6	540.4	538.1	533.1	2099.2	514.2	527.7			
- EXPORT	86.4	28.3	25.8	33.6	174.1	30.1	22.4	21.8	24.3	98.6	32.8	34.6			
TOTAL SHIPMENTS	**523.7**	**473.6**	**454.7**	**489.6**	**1941.6**	**517.7**	**562.8**	**559.9**	**557.4**	**2197.8**	**547.0**	**562.3**			
ENDING STOCK	**189.2**	**175.2**	**167.9**	**187.8**		**162.1**	**158.6**	**160.4**	**174.1**		**188.7**	**199.9**			
IMPORTS	1.9	1.7	1.8	1.9	7.3	2.8	2.1	4.1	12.5	21.5	7.8	5.5			
TOTAL AVAILABLE	**439.2**	**447.0**	**430.7**	**457.9**	**1774.8**	**490.4**	**542.5**	**542.2**	**545.6**	**2120.7**	**522.0**	**533.2**			
TOTAL NONCELLULOSIC															
PRODUCTION	**864.6**	**830.8**	**834.6**	**872.5**	**3402.5**	**886.7**	**1015.5**	**1032.8**	**1035.6**	**3970.6**	**1011.5**	**1026.8**			
SHIPMENTS - DOMESTIC	716.6	783.9	764.7	772.4	3037.6	843.4	957.3	947.3	923.9	3671.9	889.6	923.5			
- EXPORT	137.5	74.6	73.2	84.6	369.9	75.4	72.9	62.7	70.5	281.5	90.7	89.6			
TOTAL SHIPMENTS	854.1	858.5	837.9	857.0	3407.5	918.8	1030.2	1010.0	994.4	3953.4	990.3	1013.1			
ENDING STOCK	340.3	312.6	309.3	324.8		292.7	278.0	300.8	342.0		363.2	376.9			
DOMESTIC SHIPMENTS	716.6	783.9	764.7	772.4	3037.6	843.4	957.3	947.3	923.9	3671.9	899.6	923.5			
IMPORTS FOR CONSUMPTION															
3 FIBERS ABOVE[f]	4.9	3.7	8.5	9.6	26.7	10.7	13.6	14.2	24.3	62.8	19.0	17.1			
OTHER N.C. STAPLE	1.8	3.8	4.0	1.9	11.5	2.7	2.5	1.5	3.6	10.3	4.6	4.2			
GROUPED FILAMENTS	2.9	3.1	2.9	4.1	13.0	5.4	8.1	6.1	8.9	28.5	11.0	9.5			
TOTAL IMPORTS	9.6	10.6	15.4	15.6	51.2	18.8	24.2	21.8	36.8	101.6	34.6	30.8			
TOTAL AVAILABLE	**726.2**	**794.5**	**780.1**	**788.0**	**3088.8**	**862.2**	**981.5**	**969.1**	**960.7**	**3773.5**	**934.2**	**954.3**			

See footnotes on opposite page.

TABLE 5: SELECTED U.S. MAN-MADE FIBER IMPORTS FOR CONSUMPTION BY COUNTRY OF ORIGIN

THOUSAND POUNDS

ITEM & COUNTRY	1984						6 MONTHS	
	JAN	FEB	MAR	APR	MAY	JUNE	1984	1983
CELLULOSIC YARN, MONOFIL & STRIPS								
BRAZIL	55	5	0	0	0	0	60	90
CANADA	42	12	327	45	366	250	1042	850
MEXICO	163	120	55	41	41	0	420	501
AUSTRIA	0	0	0	0	0	0	0	1252
GERMANY, FED. REP. OF	714	327	396	256	405	159	2257	615
NETHERLANDS	28	40	40	57	49	24	238	279
UNITED KINGDOM	0	0	+	0	0	0	+	150
JAPAN	74	86	62	23	104	+	349	152
REP. OF KOREA	60	0	40	0	80	0	180	40
ALL OTHER COUNTRIES[a]	0	1	43	27	27	12	110	80
TOTAL CELL. YARN	**1136**	**591**	**963**	**449**	**1072**	**445**	**4656**	**4009**
CELLULOSIC STAPLE+TOW								
CANADA	803	884	919	390	568	688	4252	2438
AUSTRIA	390	70	219	282	189	94	1244	860
FRANCE	16	18	7	2	0	38	81	75
SWEDEN	164	432	190	92	402	190	1470	1632
UNITED KINGDOM	225	81	42	60	136	38	582	221
JAPAN	116	47	162	134	121	98	678	1001
TAIWAN	0	0	0	0	0	0	0	96
ALL OTHER COUNTRIES[b]	0	+	0	+	1	0	1	55
TOTAL CELL. STAPLE	**1714**	**1532**	**1539**	**960**	**1417**	**1146**	**8308**	**6378**
NONCELLULOSIC YARN, MONOFIL & STRIPS								
CANADA	1284	1467	1745	2221	1742	1936	10395	4108
MEXICO	1317	1796	1574	1486	1101	1125	8399	1666
FRANCE	224	222	104	133	125	95	903	940
GERMANY, FED. REP. OF	846	1097	2010	1482	2459	1494	9388	3300
ITALY	199	569	390	407	642	559	2766	898
NETHERLANDS	54	95	26	17	5	114	311	150
SPAIN	95	225	2	0	1	+	323	721
SWITZERLAND	17	101	71	51	9	12	261	504
UNITED KINGDOM	531	89	366	204	289	128	1607	1560
ISRAEL	111	72	84	43	148	169	627	690
JAPAN	1131	1338	1660	1574	1640	813	8156	5111
REP. OF KOREA	42	55	37	24	13	13	184	256
TAIWAN	122	+	60	36	109	56	383	149
SOUTH AFRICA	347	563	112	450	695	85	2252	0
ALL OTHER COUNTRIES[c]	231	233	75	108	234	133	1014	195
TOTAL N.C. YARN	**6551**	**7922**	**8316**	**8236**	**9212**	**6732**	**46969**	**20248**
NONCELLULOSIC STAPLE+TOW								
CANADA	1028	1102	1219	943	1727	1186	7205	3464
COSTA RICA	155	354	237	249	114	82	1191	133
MEXICO	2812	2217	1451	1342	1629	1179	10630	4208
BELGIUM	32	61	38	41	40	69	281	152
FRANCE	483	507	834	512	149	121	2606	4380
GERMANY, FED. REP. OF	1965	1587	2599	2064	2635	2371	13221	8995
ITALY	1182	791	1234	1519	983	749	6458	6043
NETHERLANDS	88	140	76	63	1	0	368	260
SWITZERLAND	22	+	113	58	57	2	252	66
UNITED KINGDOM	1306	1060	1711	1113	1512	885	7587	7100
AUSTRALIA	0	24	0	0	0	0	24	91
ISRAEL	45	28	0	30	30	0	133	112
JAPAN	1334	926	1361	1092	1430	574	6717	5764
REP. OF KOREA	0	40	62	120	40	0	262	175
TAIWAN	826	471	1576	1265	941	539	5618	1896
ROMANIA	138	98	299	488	56	0	1079	32
SOUTH AFRICA	0	213	0	82	0	0	295	38
ALL OTHER COUNTRIES[d]	394	88	278	191	53	2	1006	132
TOTAL N.C. STAPLE	**11810**	**9707**	**13088**	**11172**	**11397**	**7759**	**64933**	**43041**

+ Means a nominal poundage.

Other countries supplying 1984 poundages are:

a. Australia 3, Belgium 36, France 49, Italy 1 and Switzerland 21.

b. Brazil +, Federal Republic of Germany + and Mexico 1.

c. Australia 83, Austria 166, Belgium 63, Brazil 177, Costa Rica 45, Denmark 32, Finland 1, India 1, Ireland 35, Morocco 1, Norway 27, People's Republic of China +, Portugal 1, Romania 279 and Sweden 103.

d. Austria 30, Brazil 416, Denmark 62, Finland 37, Honduras 75, Hong Kong 2, Ireland 23, Poland 13, Portugal 41, Spain 25, Sweden 71 and Turkey 211.

TABLE 6: U.S. MAN-MADE FIBER IMPORTS FOR CONSUMPTION

THOUSAND POUNDS

ITEM	COMMODITY NUMBER AS OF 1/1/78	1984 JAN	FEB	MAR	APR	MAY	JUN	6 MONTHS 1984	1983
CELLULOSIC FIBERS									
YARN - SINGLES									
TEXTURED	310.0106 & .0206	0	0	38	79	184	9	310	256
OTHER	310.0130 & .0230[a]	1136	585	880	359	878	420	4258	3620
MONOFILAMENTS	309.0310 & .0610	0	0	0	2	0	3	5	+
STRIPS, $1/LB & UNDER	309.2000*	0	6	45	9	10	13	83	133
SUBTOTAL ABOVE		**1136**	**591**	**963**	**449**	**1072**	**445**	**4656**	**4009**
STAPLE	309.4320 & .4325	1517	1483	1365	900	1209	1108	7582	5996
GROUPED FILAMENTS	309.3010 & .3110	197	49	174	60	208	38	726	382
SUBTOTAL ABOVE		**1714**	**1532**	**1539**	**960**	**1417**	**1146**	**8308**	**6378**
WASTE, ADVANCED & NOT ADVANCED	309.6500 & .7510	**40**	**69**	**6**	**41**	**38**	**38**	**232**	**177**
NONCELLULOSIC FIBERS									
YARN - SINGLES									
TEXTURED - NYLON	310.0109 & .0209	1064	1571	1615	2435	2016	1468	10169	2105
- POLYESTER	310.0110 & .0210	821	1167	834	867	1172	837	5698	392
- OTHER	310.0114 & .0214	651	604	649	613	837	746	4100	3942
OTHER - NYLON	310.0149 & .0249	2022	2221	2918	2099	2928	1974	14162	5719
- POLYESTER	310.0150 & .0250	1328	1658	1618	1504	1707	1287	9102	5567
- OTHER	310.0170 & .0270[b]	202	274	310	281	247	166	1480	1501
MONOFILAMENTS	309.0200 & .0330[c]	383	325	282	336	243	132	1701	767
STRIPS, OVER $1/LB	309.2100 & .2500*	80	102	90	101	62	122	557	255
SUBTOTAL ABOVE		**6551**	**7922**	**8316**	**8236**	**9212**	**6732**	**46969**	**20248**
STAPLE - NYLON	309.4338	2921	2034	2936	3665	2450	1698	15704	13207
- POLYESTER	309.4342	3115	2489	2224	1816	2156	1504	13304	4960
- ACRYLIC	309.4345	1081	1257	913	1297	1652	871	7071	6248
- OLEFIN	309.4346	325	76	474	173	184	55	1287	619
- OTHER	309.4355	1109	969	1627	1551	1219	998	7473	4545
GROUPED FILAMENTS									
NYLON	309.3030 & .3130	2271	1604	2787	1509	2033	1495	11699	9795
POLYESTER	309.3040 & .3140	227	593	1026	611	793	641	3891	346
ACRYLIC	309.3050 & .3150	646	538	978	355	762	312	3591	2899
OTHER	309.3065 & .3165	115	147	123	195	148	185	913	422
SUBTOTAL ABOVE		**11810**	**9707**	**13088**	**11172**	**11397**	**7759**	**64933**	**43041**
WASTE, NOT ADVANCED									
- NYLON	309.6625	2390	4767	2062	1623	1585	1218	13645	10835
- POLYESTER	309.6630	634	810	621	775	458	341	3639	5162
- ACRYLIC	309.6645	37	1	0	0	0	0	38	229
- OTHER	309.6660	139	213	452	265	308	214	1591	1852
NOILS & GARNETTED FIBERS	309.6000 & .7000*	56	62	12	0	15	74	219	98
OTHER WASTE, ADVANCED	309.7525 - .7555	105	300	179	299	218	228	1329	1564
SUBTOTAL ABOVE		**3361**	**6153**	**3326**	**2962**	**2584**	**2075**	**20461**	**19740**
TOTAL MAN-MADE ABOVE		**24612**	**25974**	**27238**	**23820**	**25720**	**18195**	**145559**	**93593**
OTHER MAN-MADE FIBER TOPS, YARN & THREAD									
YARN - PLIED									
TEXTURED - CELLULOSIC	310.1106	0	+	0	0	0	0	+	+
- NONCELLULOSIC	310.1015[d] & .1109*	1109	1204	1068	968	610	791	5750	3587
OTHER - CELLULOSIC	310.1030 & .1135[e]	2	12	8	8	14	18	62	51
- NONCELLULOSIC	310.1050 & .1070[d]	146	84	162	183	517	305	1397	1294
SPUN YARN - CELLULOSIC	310.4005 & .4030[h]	104	52	136	91	186	227	796	461
- OTHER	310.4015 & .4027[i]	2641	3042	3050	2639	3069	3077	17518	14794
OTHER YARNS - NES, INCL. CHENILLE	310.6029 - .8000	121	112	118	46	23	241	661	2197
HANDWORK YARNS & SEWING THREAD	310.9000 - .9140	410	250	442	318	291	203	1914	1534
SLIVER, TOPS & ROVING	309.9000	589	756	607	639	381	74	3046	2814
TEXTILE GLASS FIBER	309.2800 & .2900[f]	2128	2900	2813	1725	2452	1499	13517	10025
GRAND TOTAL ABOVE		**31862**	**34386**	**35642**	**30437**	**33263**	**24630**	**190220**	**130350**

SOURCE: U.S.Census Bureau Report !M145X.

NES - Not elsewhere specified.

\+ Means a nominal poundage.

* These items are not reported by the Census as cellulosic vs. noncellulosic. Any separation between cellulosic and noncellulosic is estimated, based mainly on average declared value.

a. Also includes 310.0510 & .0610.

b. Also includes 310.0530, .0550, .0630 & .0650.

c. Also includes 309.0340, .0365, .0500, .0630, .0640 & .0665.

d. There may be some acetate yarn in these data, but the Census figures do not permit a segregation.

e. Also includes 310.1110 & .1114.

f. Also includes 310.2010 & .2110.

g. Also includes 310.1150, .1155, .1170, .2030, .2050, .2130 & .2150.

h. Also includes 310.5005 & .5030.

i. Also includes 310.4046, .4047, .4050, .5015, .5046, .5047, .5049 & .5051.

j. Chiefly roving. Also includes 309.9800 & .9900.

TABLE 7: SELECTED U.S. MONTHLY TEXTILE FIBER DATA

MILLION POUNDS

ITEM	1984 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE[a] 1984	1983
MAN-MADE FIBER DATA[c]														
YARN+MONOFILAMENTS[d]														
ACETATE	**17.8**	**16.9**	**19.8**	**17.8**	**20.3**	**18.0**	**16.3**						**126.9**	**129.5**
NYLON[e] - INDUSTRIAL[f]	28.1	29.9	32.8	33.4	32.4	32.7	27.7						217.0	168.7
- LOW DENIER INDUSTRIAL[g]	3.1	3.0	3.0	2.9	2.7	2.8	2.7						20.2	18.7
- CARPET	70.0	62.9	65.5	72.0	70.4	61.3	60.2						462.3	413.9
- TEXTILE	34.3	31.3	31.1	32.7	30.6	26.9	25.3						212.2	220.7
POLYESTER - INDUSTRIAL[f]	24.5	25.2	28.3	26.4	27.6	26.7	26.0						184.7	176.0
- LOW DENIER INDUSTRIAL[g]	1.9	2.1	2.1	2.2	2.0	2.2	2.0						14.5	14.4
- TEXTILE	84.9	69.9	67.1	75.3	70.7	65.4	61.4						494.7	590.7
OLEFIN[h]	52.6	56.9	64.1	58.3	61.9	63.8	57.9						415.5	412.4
TOTAL NONCELLULOSIC ABOVE[i]	**299.4**	**281.2**	**294.0**	**303.2**	**298.3**	**281.8**	**263.2**						**2021.1**	**2015.5**
STAPLE+TOW+FIBERFILL[j]														
RAYON	**32.4**	**31.6**	**38.0**	**35.9**	**32.5**	**34.4**	**29.8**						**234.6**	**212.3**
NYLON[e]	80.0	65.9	70.8	82.3	74.1	57.3	59.4						489.8	517.7
ACRYLIC+MODACRYLIC	53.0	52.2	63.9	58.2	56.7	60.6	52.9						397.5	383.1
POLYESTER	172.5	177.5	197.0	200.8	190.2	171.3	156.8						1266.1	1235.1
OLEFIN+VINYON	18.6	18.5	20.4	20.2	19.9	21.5	19.4						138.5	100.2
TOTAL NONCELLULOSIC ABOVE	**324.1**	**314.1**	**352.1**	**361.5**	**340.9**	**310.7**	**288.5**						**2291.9**	**2236.1**
	END-OF-MONTH STOCK													
YARN+MONOFILAMENTS														
ACETATE	**14.3**	**14.6**	**13.2**	**13.6**	**11.8**	**13.1**	**15.7**						**15.7**	**13.6**
NYLON[e] - INDUSTRIAL[f]	23.2	23.7	23.1	22.1	21.3	22.4	25.1						25.1	28.4
- LOW DENIER INDUSTRIAL[g]	4.0	4.4	5.7	5.7	5.9	5.1	5.3						5.3	4.9
- CARPET	54.0	58.8	60.4	55.9	60.4	63.9	66.4						66.4	47.7
- TEXTILE	36.3	36.9	37.5	36.4	37.2	42.4	43.8						43.8	38.2
POLYESTER - INDUSTRIAL[f]	22.0	22.3	20.2	19.4	18.5	18.1	20.1						20.1	23.1
- LOW DENIER INDUSTRIAL[g]	3.4	3.5	3.8	3.5	3.8	4.6	4.6						4.6	2.6
- TEXTILE	77.2	82.8	86.4	84.1	85.1	86.7	88.6						88.6	89.6
OLEFIN[h]	58.1	59.3	60.9	61.5	60.1	61.4	60.2						60.2	55.0
TOTAL NONCELLULOSIC ABOVE[i]	**278.2**	**291.7**	**298.0**	**288.6**	**292.3**	**304.6**	**314.1**						**314.1**	**289.5**
STAPLE+TOW+FIBERFILL														
RAYON	**25.1**	**27.4**	**25.3**	**23.2**	**27.5**	**26.2**	**28.1**						**28.1**	**27.3**
NYLON[e]	70.2	76.0	79.3	71.7	72.8	82.2	87.0						87.0	54.1
ACRYLIC+MODACRYLIC	77.3	79.6	75.4	75.6	78.1	74.8	75.3						75.3	67.9
POLYESTER	180.2	188.6	188.7	177.4	178.0	199.9	223.7						223.7	185.1
OLEFIN+VINYON	20.4	21.2	19.8	20.1	20.7	20.0	21.7						21.7	14.2
TOTAL NONCELLULOSIC ABOVE	**348.1**	**365.4**	**363.2**	**344.8**	**349.6**	**376.9**	**407.7**						**407.7**	**321.3**
WOOL & COTTON CONSUMPTION														
APPAREL CLASS WOOL	13.3	15.2	15.0	14.4									57.9	47.4
CARPET CLASS WOOL	0.9	0.8	0.9	1.1									3.7	3.2
TOTAL RAW WOOL	14.2	16.0	15.9	15.5									61.6	50.6
RAW COTTON	246.1	242.7	249.9	226.8	233.0	229.6							1428.1	1409.6

a. Year-to-date totals except for stock, which is the latest month's data.
b. The monthly production of each fiber may be calculated as total shipments plus a stock increase, or less a stock decrease, over the month.
c. Producers' total domestic plus export shipments.
d. Rayon yarn data are available annually only; see page 37 of the March/April issue.
e. Data for nylon exclude aramid.
f. Industrial is defined as 500 denier and coarser with an Instron tenacity of 7 grams or more per denier.
g. Low denier industrial is defined as finer than 500 denier with an Instron tenacity over 5.5 grams per denier.
h. Olefin yarn+monofilaments also includes spunbonded polypropylene and film fiber produced for textile end uses.
i. Saran and spandex data are not included in these totals. See page 37 of the March/April issue for annual data on these yarns.
j. Acetate staple+tow data are available annually only; see page 37 of the March/April issue.

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